

ATGGCTTCAGAACTGGCAATGAGCAATTCCGACCTGCCACCAGTCCCCTGGCCATGGAATATGTTAATG
 10 20 30 40 50 60 70
 mouse maf cod ATGGCTTCAGAACTGGCAATGAGCAATTCCGACCTGCCACCAGTCCCCTGGCCATGGAATATGTTAATG
 human maf cod ATGGCTTCAGAACTGGCAATGAGCAATTCCGACCTGCCACCAGTCCCCTGGCCATGGAATATGTTAATG

ACTTCGATCTGATGAAGTTTGAAGTGAAAAAGGAACCGGTGGAGACCGACCGCATCATCAGCCAGTGCCG
 80 90 100 110 120 130 140
 mouse maf cod ACTTCGATCTGATGAAGTTTGAAGTGAAAAAGGAACCGGTGGAGACCGACCGCATCATCAGCCAGTGCCG
 human maf cod ACTTCGATCTGATGAAGTTTGAAGTGAAAAAGGAACCGGTGGAGACCGACCGCATCATCAGCCAGTGCCG

CCGTCTCATCGCCGGGGGCTCGCTGTCTCCACCCCATGAGCAGCCCTGCAGCTCGGTGCCCGCTCC
 150 160 170 180 190 200 210
 mouse maf cod CCGTCTCATCGCCGGGGGCTCGCTGTCTCCACCCCATGAGCAGCCCTGCAGCTCGGTGCCCGCTCC
 human maf cod CCGTCTCATCGCCGGGGGCTCGCTGTCTCCACCCCATGAGCAGCCCTGCAGCTCGGTGCCCGCTCC

CCCAGCTTCTCGGCGCCAGCCCGGGCTCGGGCGGCGAACAGAGGCGCACCTGGAAGACTACTACTGGA
 220 230 240 250 260 270 280
 mouse maf cod CCCAGCTTCTCGGCGCCAGCCCGGGCTCGGGCGGCGAACAGAGGCGCACCTGGAAGACTACTACTGGA
 human maf cod CCCAGCTTCTCGGCGCCAGCCCGGGCTCGGGCGGCGAACAGAGGCGCACCTGGAAGACTACTACTGGA

TGACCGGCTACCCGCGAGCAGCTGAACCCGAGGCGCTGGGCTTCAGCCCGAGGACCGGTCGAGGCGCT
 290 300 310 320 330 340 350
 mouse maf cod TGACCGGCTACCCGCGAGCAGCTGAACCCGAGGCGCTGGGCTTCAGCCCGAGGACCGGTCGAGGCGCT
 human maf cod TGACCGGCTACCCGCGAGCAGCTGAACCCGAGGCGCTGGGCTTCAGCCCGAGGACCGGTCGAGGCGCT

CATCAGCAACAGCCACCAGCTCCGGGGTGGCTTCGATGGCTATGCGCGGGGGGCCACCAGCTGGCCGCG
 360 370 380 390 400 410 420
 mouse maf cod CATCAGCAACAGCCACCAGCTCCGGGGTGGCTTCGATGGCTATGCGCGGGGGGCCACCAGCTGGCCGCG
 human maf cod CATCAGCAACAGCCACCAGCTCCGGGGTGGCTTCGATGGCTATGCGCGGGGGGCCACCAGCTGGCCGCG

GCGGCGGGGGCCGGTCCCGGCGCCTCCTTGGGCGGCGAGCGGCGAGGAGATGGGCCCGCGCCGCGCGTGG
 430 440 450 460 470 480 490
 mouse maf cod GCGGCGGGGGCCGGTCCCGGCGCCTCCTTGGGCGGCGAGCGGCGAGGAGATGGGCCCGCGCCGCGCGTGG
 human maf cod GCGGCGGGGGCCGGTCCCGGCGCCTCCTTGGGCGGCGAGCGGCGAGGAGATGGGCCCGCGCCGCGCGTGG

TGTCCGCCGTATCGCCGCGGCCGCGCGCAGAGCGGCGCGGGCCCGCACTACCATCACCACCACCACCA
 500 510 520 530 540 550 560
 mouse maf cod TGTCCGCCGTATCGCCGCGGCCGCGCGCAGAGCGGCGCGGGCCCGCACTACCATCACCACCACCACCA
 human maf cod TGTCCGCCGTATCGCCGCGGCCGCGCGCAGAGCGGCGCGGGCCCGCACTACCATCACCACCACCACCA

CGCCGCGGGGCACCACCACCATCCGACGGCCGCGCGCGGGGCGCGGGGCGCGGGGCGCGCTCTTCTTCTCG
 570 580 590 600 610 620 630
 mouse maf cod CGCCGCGGGGCACCACCACCATCCGACGGCCGCGCGCGGGGCGCGGGGCGCGGGGCGCGCTCTTCTTCTCG
 human maf cod CGCCGCGGGGCACCACCACCATCCGACGGCCGCGCGCGGGGCGCGGGGCGCGGGGCGCGCTCTTCTTCTCG

GGTGGCGCTGGTGGCGCGGGCGGGTGGCCCGGCGAGCGTTGGGGCGCGCGCGGCGCGCGCGCGCGCGG
 640 650 660 670 680 690 700
 mouse maf cod GGTGGCGCTGGTGGCGCGGGCGGGTGGCCCGGCGAGCGTTGGGGCGCGCGCGGCGCGCGCGCGCGCGG
 human maf cod GGTGGCGCTGGTGGCGCGGGCGGGTGGCCCGGCGAGCGTTGGGGCGCGCGCGGCGCGCGCGCGCGCGG

FIGURE 1A

GGGGCGGGGGGGGGCGGGGGCGCCCTTACCCGCACCATTCGCGGGCGGCCTGCACTTCGACGACCG

710 720 730 740 750 760 770

mouse maf cod GGGGACGGGCGGCGGGGGCGCCCTTACCCGCACCATTCGCGGGCGGCCTGCACTTCGACGACCG

human maf cod GAGGCGGCGGGCGGCGGGGGCGCCCTTACCCGCACCATTCGCGGGCGGCCTGCACTTCGACGACCG

CTTCTCGGACGAGCAGTTGGTGACCATGTCTGTGCGCGACTTGAACCGGCAGCTGCGCGGGGTGAGCAAG

780 790 800 810 820 830 840

mouse maf cod CTTCTCGGACGAGCAGTTGGTGACCATGTCTGTGCGCGACTTGAACCGGCAGCTGCGCGGGGTGAGCAAG

human maf cod CTTCTCGGACGAGCAGTTGGTGACCATGTCTGTGCGCGACTTGAACCGGCAGCTGCGCGGGGTGAGCAAG

GAGGAGGTGATCCGGCTGAAGCAGAAGAGGCGGACCCTGAAAAACCGCGGCTATGCCAGTCCTGCCGCT

850 860 870 880 890 900 910

mouse maf cod GAGGAGGTGATCCGGCTGAAGCAGAAGAGGCGGACCCTGAAAAACCGCGGCTATGCCAGTCCTGCCGCT

human maf cod GAGGAGGTGATCCGGCTGAAGCAGAAGAGGCGGACCCTGAAAAACCGCGGCTATGCCAGTCCTGCCGCT

TCAAGAGGGTGCAGCAGAGACACGTCCTGGAGTCGGAGAAGAACCAGCTGCTGCAGCAGGTGACACCCT

920 930 940 950 960 970 980

mouse maf cod TCAAGAGGGTGCAGCAGAGACACGTCCTGGAGTCGGAGAAGAACCAGCTGCTGCAGCAGGTGACACCCT

human maf cod TCAAGAGGGTGCAGCAGAGACACGTCCTGGAGTCGGAGAAGAACCAGCTGCTGCAGCAGGTGACACCCT

CAAGCAGGAGATCTCCAGGCTGGTGCGCGAGAGGACGCGTACAAGGAGAAATACGAGAAGTTGGTGAGC

990 1000 1010 1020 1030 1040 1050

mouse maf cod CAAGCAGGAGATCTCCAGGCTGGTGCGCGAGAGGACGCGTACAAGGAGAAATACGAGAAGTTGGTGAGC

human maf cod CAAGCAGGAGATCTCCAGGCTGGTGCGCGAGAGGACGCGTACAAGGAGAAATACGAGAAGTTGGTGAGC

AGCGGCTTCCGAGAAAACGGCTCGAGCAGCGACAACCCTTCCTCTCCCGAGTTTTTCATGTGXXXXXXX

1060 1070 1080 1090 1100 1110 1120

mouse maf cod AACGGCTTCCGAGAAAACGGCTCGAGCAGCGACAACCCTTCCTCTCCCGAGTTTTTCATGTG

human maf cod AACGGCTTCCGAGAAAACGGCTCGAGCAGCGACAACCCTTCCTCTCCCGAGTTTTTCATGTGAGCCCA

XX

1130 1140 1150 1160 1170 1180 1190

mouse maf cod

human maf cod CTCGCAAGTTGGAGCCATCAGTGGGATACGCCACATTTTGAAGCCCCAGCATCGTGACTTACCAAGTGT

XXXXXXXXXXXXXX

1200

mouse maf cod

human maf cod GTTCACAAAATGA

FIGURE 1B

MASELAMNSNDLPTSPLAMEYVNDFDLMKFEVKKEPVETDRIISQCGRLIAGGSLSTPMSTPCSSVPPS
 10 20 30 40 50 60 70
 mouse c-maf t MASELAMNSNDLPTSPLAMEYVNDFDLMKFEVKKEPVETDRIISQCGRLIAGGSLSTPMSTPCSSVPPS
 human c-maf t MASELAMNSNDLPTSPLAMEYVNDFDLMKFEVKKEPVETDRIISQCGRLIAGGSLSTPMSTPCSSVPPS
 PSFSAPSPGSGGEQKAHLEDYYWMTGYPPQQLNPEALGFSPEDAVEALISNSHQGGFDGYARGAQQQLAA
 80 90 100 110 120 130 140
 mouse c-maf t PSFSAPSPGSGGEQKAHLEDYYWMTGYPPQQLNPEALGFSPEDAVEALISNSHQGGFDGYARGAQQQLAA
 human c-maf t PSFSAPSPGSGGEQKAHLEDYYWMTGYPPQQLNPEALGFSPEDAVEALISNSHQGGFDGYARGAQQQLAA
 AAGAGAGASLGGSGEEMGPAAAVSAVIAAAAAQSGAGPHYHHHHHHAAGHHHPTAGAPGAAGGAASA
 150 160 170 180 190 200 210
 mouse c-maf t AAGAGAGASLGGSGEEMGPAAAVSAVIAAAAAQSGAGPHYHHHHHHAAGHHHPTAGAPGAAGGAASA
 human c-maf t AAGAGAGASLGGSGEEMGPAAAVSAVIAAAAAQSGAGPHYHHHHHHAAGHHHPTAGAPGAAGGAASA
 GGAGGAGGGGPASVGGGGGGGGGGGGGAGGALHPHHAAGGLHFDDRFSDEQLVTMSVRDLNRQLRGVSK
 220 230 240 250 260 270 280
 mouse c-maf t NGAGGAGGGGPANTGGGGGGGGGGGGGAGGALHPHHAAGGLHFDDRFSDEQLVTMSVRDLNRQLRGVSK
 human c-maf t CGAGGAGGGGPASVGGGGGGGGGGGGGAGGALHPHHAAGGLHFDDRFSDEQLVTMSVRDLNRQLRGVSK
 EEVIRLKQKRRTLKNRGYAQSCRFRVQQRHVLESEKNQLLQQVDHLKQEIISRLVRERDAYKEYEKLVS
 290 300 310 320 330 340 350
 mouse c-maf t EEVIRLKQKRRTLKNRGYAQSCRFRVQQRHVLESEKNQLLQQVDHLKQEIISRLVRERDAYKEYEKLVS
 human c-maf t EEVIRLKQKRRTLKNRGYAQSCRFRVQQRHVLESEKNQLLQQVDHLKQEIISRLVRERDAYKEYEKLVS
 SGFRENGSSSDNPSSPEFFITEPTRKLEPSVGATFWKPQHRVLTSVFTK-
 360 370 380 390 400
 mouse c-maf t NGFRENGSSSDNPSSPEFFITEPTRKLEPSVGATFWKPQHRVLTSVFTK
 human c-maf t SGFRENGSSSDNPSSPEFFITEPTRKLEPSVGATFWKPQHRVLTSVFTK

FIGURE 2